Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.   (Currently amended) A method of detecting defects in a recordable optical storage medium, comprising the steps of:

accessing a segment of multimedia data that has been recorded onto a portion of the recordable storage medium;

selectively examining the segment to determine whether the portion contains a defect; and

~~taking corrective measures if a defect is detected, wherein the corrective measures are one or more of the corrective measures selected from the group comprising:~~

~~generating a defect message;~~

~~storing the address of the portion of the recordable storage medium in a table;~~

~~writing the segment of multimedia data onto a new portion of the recordable storage medium; or~~

modifying said selectively examining step _if a defect is detected_.

2.   (Original) The method according to claim 1, wherein said accessing step comprises the step of recording the segment of multimedia data onto the portion of the recordable storage medium.

3.   (Original) The method according to claim 1, wherein said selectively examining step comprises the steps of:

selectively reading the segment; and

selectively processing at least one error correction indicator in the segment to locate at least one error in the segment.

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4.   (Original) The method according to claim 3, wherein the errors are correctable and the number of errors has reached a predetermined threshold.

5.   (Original) The method according to claim 3, wherein the errors are uncorrectable.

6.   (Original) The method according to claim 5, wherein said selectively reading and said selectively processing steps are repeated until the errors are corrected or repeated for a predetermined number of times, whichever is less.

7.   (Original) The method according to claim 6, wherein the recordable optical storage medium is a disc that spins during said selectively reading step and the selectively reading step further comprises the step of decreasing the speed of the disc prior to each said selectively reading step.

8.   (Original) The method according to claim 7, wherein said selectively reading step further comprises the step of maintaining the speed of the disc substantially constant during each said selectively reading step.

9.   (Original) The method according to claim 5, wherein said selectively reading step further comprises the step of skipping over at least a portion of the segment.

10.   (Original) The method according to claim 1, further comprising the step of providing a front end section of a storage medium device, wherein said selectively examining step is performed exclusively within said front end section.

11.   (Canceled)

12.   (Currently amended) A system for detecting defects in a recordable optical storage medium, comprising:

        a pickup assembly for accessing a segment of multimedia data that has been recorded onto a portion of the recordable storage medium; and

                a controller for:

selectively examining the segment to determine whether the portion contains a defect; and

~~taking corrective measures if a defect is detected, wherein the corrective measures are one or more of the corrective measures selected from the group comprising:~~

~~generating a defect message;~~

~~storing the address of the portion of the recordable storage medium in a table;~~

~~writing the segment of multimedia data onto a new portion of the recordable storage medium; or~~

modifying said selectively examining step <u>if a defect is detected</u>.

13.   (Original) The system according to claim 12, wherein the pickup assembly records the segment of multimedia data onto the portion of the recordable storage medium.

14.   (Original) The system according to claim 12, wherein said controller comprises:
       a front end processor; and
       a back end processor.

15.   (Original) The system according to claim 14, wherein the front end processor is programmed to:
       selectively reading the segment; and
       selectively processing at least one error correction indicator in the segment to locate at least one error in the segment.

16.   (Original) The system according to claim 15, wherein the errors are correctable and the number of errors has reached a predetermined threshold.

17.   (Original) The system according to claim 15, wherein the errors are uncorrectable.

18.   (Original) The system according to claim 17, wherein the front end processor is further programmed to repeat the selectively reading and selectively processing steps until the errors are corrected or repeated for a predetermined number of times, whichever is less.

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19.   (Original) The system according to claim 15, wherein the recordable optical storage medium is a disc that spins as the segment is selectively read and the back end processor is programmed to decrease the speed of the disc prior to the segment being selectively read.

20.   (Original) The system according to claim 19, wherein the back end processor is further programmed to maintain the speed of the disc substantially constant as the segment is selectively read.

21.   (Original) The system according to claim 17, wherein the front end processor is further programmed to skip over at least a portion of the segment.

22.   (Canceled)